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References Cited

OTHER PUBLICATIONS

De Perre, Chloé et al., "Rapid and specific detection of urea nitrate and ammonium nitrate by electrospray ionization time-of-flight mass spectrometry using infusion with crown ethers," *Rapid Communications in Mass Spectrometry*, 2011, (26):154-162.

De Perre, Chloé, et al., "Trace analysis of urea nitrate by liquid chromatography-UV/fluorescence," *Forensic Science International*, 2011, 211(1):76-82.

Doctor, Erika L., et al., "Comparison of Aggregating Agents for Surface-Enhanced Raman Analysis of Benzodiazepines," *64th Annual meeting American Academy of Forensic Sciences*, Feb. 2012.

Doyle, Janet M., et al., "A Multicomponent Mobile Phase for Ion Chromatography Applied to the Separation of Anions from the Residue of Low Explosives," *Analytical Chemistry*, 2000, 72(10):2303-2307.

Doyle, Janet M., et al., "Novel electrolyte for the analysis of cations in low explosive residue by capillary electrophoresis," *Journal of Chromatography B*, 1998, (714):105-111.

Dungchai, Wijitar, et al., "A low-cost, simple, and rapid fabrication method for paper-based microfluidics using wax screen-printing," *Analyst*, 2011, (136):77-82.

Dungchai, Wijitar, et al., "Use of multiple colorimetric indicators for paper-based microfluidic devices," *Analytica Chimica Acta*, 2010, (674):227-233.

Heramb, Robert M., et al., "The manufacture of smokeless powders and their forensic analysis: a brief review," *Forensic Science Communications*, 2002, 4(2):1-5.

Hopper, Kristy G., et al., "A Novel Method for Analysis of Explosives Residue by Simultaneous Detection of Anions and Cations via Capillary Zone Electrophoresis," *Talanta*, 2005, 67(2):304-312.

Lahoda, Kristy G., et al., "A Survey of Background Levels of Explosives and Related Compounds in the Environment," *Journal of Forensic Sciences*, 2008, 53(4):802-806.

Li, Xiaokun, et al., "Gold nanoparticle-based colorimetric assay for selective detection of aluminum cation on living cellular surfaces," *Chem. Commun.*, 2010, (46):988-990.

Lu, Yao, et al., "Rapid prototyping of paper-based microfluidics with wax for low-cost, portable bioassay," *Electrophoresis*, 2009, (30):1-4.

Martinez, Andres W., et al., "Diagnostics for the Developing World: Microfluidic Paper-Based Analytical Devices," *Analytical Chemistry*, Jan. 2010, 82(1):3-10.

Martinez, Andres W., et al., "Patterned paper as a platform for inexpensive, low-volume, portable bioassays," *Angew. Chem. Int. Ed.* 2007, (46):1318-1320.

Mathis, John A., et al., "Gradient Reversed-Phase Liquid Chromatographic-Electrospray Ionization Mass Spectrometric Method for the Comparison of Smokeless Powders," *Journal of Chromatography A*, 2003, (988):107-116.

Mathis, John A., et al., "The Analysis of High Explosives by Liquid Chromatography/Electrospray Ionization Mass Spectrometry: Multiplexed Detection of Negative Ion Adducts," *Rapid Communications in Mass Spectrometry*, 2005, 19(2):99-104.

McCord, Bruce et al., "Chromatography of Explosives: In Forensic Investigations of Explosives," 2nd Edition, Beveridge, A. D., Ed. Taylor and Francis, Boca Raton FL. 2012, p. 585-620.

McCord, Bruce et al., "Forensic Analysis of Explosives using Ion Chromatographic Methods," *Analytica Chimica Acta*, 1994, (288):43-56.

McCord, Bruce et al., "The Analysis and Characterization of TNT using Liquid Chromatography with Photodiode Array Detection," *Journal of Forensic Sciences*, 1992, 37(6):1574-1584.

Smith, Kelly D., et al., "Detection of Smokeless Powder Residue on Pipe Bombs by Micellar Electrokinetic Capillary Electrophoresis," *Journal of Forensic Sciences*, 1999, 44(4):789-794.

Tarvin, Megan, et al., "Analysis of Hydrogen Peroxide Field Samples by HPLC/FD and HPLC/ED in DC Mode," *Forensic Science International*, 2011, 209(1-3):166-72.

Tarvin, Megan, et al., "Optimization of Two Methods for the Analysis of Hydrogen Peroxide: High Performance Liquid Chromatography with Fluorescence Detection and High Performance Liquid Chromatography with Electrochemical Detection in Direct Current Mode," *Journal of Chromatography A*, 2010, 1217(48):7564-7572.

Thomas, Jennifer L., et al., "Separation and Detection of Smokeless Powder Additives by Ultra Performance Liquid Chromatography with Tandem Mass Spectrometry," (UPLC/MS/MS), *Journal of Forensic Sciences*, 2013, 58(3):609-615.

Wissinger, Chad E., et al., "A reversed phase HPLC procedure for smokeless powder comparison," *Journal of Forensic Sciences*, 2002, 47(1):168-174.

Li, Xiaokun, et al., "Gold nanoparticle-based colorimetric assay for selective detection of aluminum cation on living cellular surfaces," *Chem. Commun.*, 2010, (46):988-990.

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